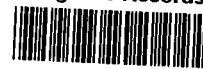


February 7, 2003

EPA Region 5 Records Ctr.



271531

Mike Ribordy  
On-Scene Coordinator  
Emergency Response Branch  
U.S. Environmental Protection Agency Region 5  
77 West Jackson Boulevard  
Chicago, IL 60604

**Subject: Schroud Property Site, Chicago, Cook County, Illinois**

Dear Mr. Ribordy:

On June 28, 2002, the City of Chicago Department of Environment (CDOE) referred the Schroud Property site (site) in Chicago, Cook County, Illinois to the U.S. Environmental Protection Agency (U.S. EPA) Region 5 Emergency Response Branch for a time-critical removal assessment pursuant to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). T N & Associates, Inc. (TN&A), a subcontractor for the Tetra Tech EM Inc. Superfund Technical Assessment and Response Team (START), was tasked to conduct a site assessment in accordance with the requirements of U.S. EPA Technical Direction Document (TDD) No. S05-0208-010, which U.S. EPA assigned to START. The scope of this TDD was to conduct site assessment activities to determine if any potential direct contact or exposure threats exist at the site.

On September 19, 2002, U.S. EPA On-Scene Coordinator (OSC) Mike Collins and START conducted site assessment activities at the site. Sample analytical results were compared to maximum concentrations of contaminants pursuant to Title 40 of the *Code of Federal Regulations* (CFR), Part 261.24, Table 1, "Maximum Concentration of Contaminants for the Toxicity Characteristic." None of the concentrations exceeded the maximum concentrations in CFR, Part 261.24, Table 1. The analytical results of this site assessment determined that there were no potential direct contact or exposure threats at the site.

TN&A reviewed the "Meeting Agenda Former Republic Steel Site" report dated March 2, 2001, prepared by Clayton Environmental Consultants (Clayton), that was provided to START recently. Upon our review the report shows that during the months of October and November, 1999, Carlson Environmental, Inc. (Carlson) conducted a site assessment consisting of soil and groundwater sampling at the site. Soil samples were collected predominantly from the northern

portion of the site at depths ranging from 2-12 feet below ground surface (bgs). TN&A compared soil sample analytical results to toxicity characteristic leaching procedure (TCLP) concentrations summarized in Title 40 CFR, Part 261.24, Table 1. Cadmium, lead, and selenium contaminants exceed the regulatory levels in Title 40, CFR Part 261.24, Table 1. Table A lists the soil samples that exceed regulatory levels.

Based on these results, additional sampling would be required to characterize hazardous waste on-site and to determine there occurrences. If you have any questions or comments about this letter, please contact me at (312) 220-7000.

Sincerely,

Raghu Nagam  
Project Manager

**TABLE A**  
**TCLP Metals Analyses - Soil Samples**  
**Schroud Property Site**  
**Chicago, Cook County, Illinois**

Sample Location	GP-245C	GP-246C	GP-262C	GP-263CB	GP-265C	TP-3	TP-4	TP-6	TP-7	TP-9	TP-14	TCLP Regulatory Levels** (mg/L)
Sample Date*	10/12/99	10/12/99	10/12/99	10/12/99	10/12/99	11/8/99	11/8/99	11/8/99	11/8/99	11/8/99	11/30/99	Not Applicable
Sample Depth (ft)	4-6	4-6	4-6	2-4	4-6	4-6	2-7	6-10	8-12	6-12	6-12	Not Applicable
Cadmium (mg/L)	4	5.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.0
Lead (mg/L)	53	110	48	110	17	79	30	46	69	9.6	26	5.0
Selenium (mg/L)	4.4	ND	NA	NA	NA	NA	NA	NA	NA	NA	0.0061	1.0

Notes:

\* = All soil samples were collected by Carlson Environmental, Inc.

\*\* = *Code of Federal Regulations* Title 40, Section 261.24, Table 1, "Toxicity Characteristic Constituents and Regulatory Levels"

ft = feet

mg/L = milligrams per liter

NA = not available

ND = not detected

TCLP = toxicity characteristic leaching procedure